



DEPARTMENT OF THE AIR FORCE
AIR EDUCATION AND TRAINING COMMAND

29 JUL 2010

MEMORANDUM FOR ALL BASE ACTIVITIES

FROM: 502 ABW/CC
2270 Rattlesnake
Ft Sam Houston, TX 78234-1800

SUBJECT: Stage Normal Water Use Measures

1. Joint Base San Antonio (JBSA) facilities are committed to preserving Edwards Aquifer water and preventing adverse impacts to the aquifer's endangered species and habitats. This memorandum provides guidance that serves to ensure JBSA residents, organizations, and operations are in compliance with the 11 January 2008 U.S. Fish and Wildlife Service's (FWS) Biological Opinion (BO), the Department of Defense (DoD) Critical Period Management Plan (CPMP) and all applicable statutory and regulatory criteria.
2. Recent rains that recharged the Edwards Aquifer allow for relaxed water conservation measures. This letter serves to inform you that JBSA will institute Stage Normal water restrictions effective immediately.
3. The attached water conservation activities will help to ensure an adequate supply of Edwards Aquifer water throughout the future months. The Drought Management Plan can be accessed through 502 ABW website at <http://www.502abw.af.mil>. If you have any questions or want to report any misuse or waste of water, please call the Lackland Asset Management Flight at 671-4844, the Randolph Asset Management Flight at 652-5205 or the Fort Sam Houston Asset Management Flight at 221-5063.
4. Joint Base San Antonio's goal is to be prudent stewards of natural resources and responsible neighbors to the San Antonio community. Your support of our water conservation program is appreciated.

LEONARD A. PATRICK
Brigadier General, USAF
Commander

Attachment:
Stage Normal Water Use Requirements

Normal Conditions Water Conservation Practices

1. No person may waste water. (OPR: ALL)
2. Initiate an education program promoting water conservation. Activities include: public service announcements, news items, Base Bulletin announcements and other media information on water conservation techniques. (OPR: ALL)
3. No person may use water to wash impervious surfaces (roads, parking lots, driveways, sidewalks, etc.) unless for health or safety reasons. (OPR: ALL)
4. Use landscaping that features indigenous natural plant species. For information concerning landscaping plants contact the installation Civil Engineering Squadron (CES). Indigenous plants, which are also called native plants, reduce the need for water. These plants can be attractively added to existing landscaping or can be used to replace all or part of existing landscape. Use a 2 to 3 inch layer of mulch around trees and in planting beds this will conserve soil moisture. Native grasses can be used to replace existing grass in areas where traditional carpet grass effect is not needed. (OPR: ALL)
5. Initiate a program to have base residents/employees watch for and report dripping faucets, leaking toilets, and water puddling in grassy areas or moving along street curbs which could indicate a subsurface broken water pipe. All problems should be reported to the installation CES. Enforce the use of low-flow toilets, low-flow showerheads, more efficient faucets and sprinkler systems when designing projects on base. (OPR: ALL)
6. Lawn/landscape watering shall be restricted to the following times and methods for each respective organization and/or housing unit:
 - a. Landscaping may be watered by a sprinkler twice a week, between the hours 12:00 a.m. (midnight) to 10:00 a.m. and 8:00 p.m. to 12:00 a.m. (midnight) on the days designated below:

Facility	Watering Day
Military Family Housing address with even numbers	Saturday and Tuesday
Military Family Housing address with uneven numbers	Sunday and Thursday
All Base Facilities	Monday and Friday
Athletic Fields	Monday and Wednesday

- b. Sprinkler system watering between 10:00 a.m. - 8:00 p.m. is prohibited.
- c. Apply approximately 1 inch of water to the landscape at a time.
- d. Special circumstances may be coordinated and approved by the 502 ABW Commander.
- e. Watering with a hand-held garden hose with a diameter of 1" or less, or a 5 gallon or less bucket is permitted at any time of the day for short (10-15 min) watering periods.

Note: Daily watering of landscape/lawn does not help the deep-long growth of the roots needed to find water in the soil. By watering plants less often, the roots begin to grow and search for water in the soil. This will help and train them to survive using less water. (OPR: ALL)

7. Avoid driving vehicles over landscape/grassy areas. The compacting of the soil makes the drainage of the water into the soil more difficult and damages root systems. (OPR: ALL)

8. New landscaping may be watered to maintain adequate growth until established.

9. Due to irrigation capacities of some systems throughout the installation, deviations of watering days will be made on a one-by-one basis. Coordination needs to be completed with the installation BCE to obtain waivers. (OPR: ALL)

10. POV and charity car washes are permitted provided they are performed at car wash facilities that recycle water, and coordinated with the installation CES/BCE. (OPR: ALL)

11. Pools used for medical/therapy reasons are exempted from pool water restrictions.

12. As good management practice, it is recommended base personnel use a glass/cup when drinking water from water fountains and coolers to avoid waste. (OPR: ALL)

13. JB SA personnel will be directed to adopt any stage (1-5) from the Drought Management Plan at any time when the base approaches the monthly water withdrawal limits. (OPR: ALL)

14. Residential washing of vehicles or other equipment is allowed only with the use of a hose with an automatic shut-off nozzle, or bucket of five gallons or less of water. Water should not be allowed to run into the street. (OPR: ALL)

15. The Golf Course and Parade Field utilize recycled water from the San Antonio Water System (SAWS). The Golf Course and Parade Field will comply with watering set forth in the SAWS Recycled Water User's Handbook. Section 2.3.1 of the Handbook prohibits irrigation between 10:00 a.m. and 8:00 p.m.

16. Facilities that utilize recycled water from Cibolo Creek Municipal Authority (CCMA) will comply with watering set forth by the CCMA.

16. If you have any questions or want to report any misuse or waste of water, please contact the installation Asset Management Flight:

Table 1

Flight	Phone Number
Lackland Asset Management	671-4844
Randolph Asset Management	652-5205
Fort Sam Houston Asset Management	221-5063